Monday, October 03, 2011 4:00:36 PM



Page 1

Item ID:

D3414-041

Accept

Setup Start

Stop

Stop



Revision ID:

Start Date:

Item Name:

Lug Assembly

9/30/2011

Required Date: 10/14/2011

Start Qty: 10.00

Req'd Qty: 10.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: ML. J

Date: 11/10/03 Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Reject

B1-10-20

Reject

Insp.

Sequence ID/ Work Center ID Operation Description Set Up/ **Run Hours** Tool ID

Tool # Plan Code

Accept Qty

Qty

Number

Stamp

Draw Nbr

Revision Nbr

D3414 Rev C

100

Waterjet

FLOW CNC Waterjet

304.1W

Memo

1-Cut as per Dwg D3414-1

Dwg Rev:_ Prog Rev:

2-Deburr if necessary

BU-10-28

110

QC2- Inspect parts off machine FAI/FAIB

0.00

0.00

0.00



Memo

0.00

B11-10-X

Quality Control

Dart Aerospace Ltd W/O: WORK ORDER CHANGES DATE STEP PROCEDURE CHANGE By Date Qty Chief Eng/ Prod Mgr QC Inspector Approval QC Inspector

Part No:	PAR #:	Fault Category:	NCR: Yes No	DQA:	Date:	
Resolution:		Disposition:	QA: N/C Close	d:	Date:	

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B		Verification	Approval	Approval				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC inspecto				
	-											
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Work Order ID 74516

Required Date: 10/14/2011

Monday, October 03, 2011 4:00:36 PM



Page 2

Item ID:

D3414-041

Accept

Setup Start

Stop



Revision ID:

Item Name: Start Date:

Lug Assembly

9/30/2011

Start Qty: 10.00

Req'd Qty: 10.00



Cust Item ID: Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Code

Tool # Plan

Start



Sequence ID/

Work Center ID

Quality Control

Operation Description

OC8- Inspect parts - second check

Set Up/ **Run Hours**

0.00

à u/10/29

Run

Stop

Reject

Oty



Insp.

Stamp

120

Memo

Accept

Qty

Reject

Number

130

Brake NC

Brake NC

Memo 1-Deburr

2-Form using DT8254 as per Dwg D3414

0.00

0.00

So 4/11/02

140

Large Fab

Large Fab

Memo

0.00

0.00

1- Weld using location Jig DT9625 as per Dwg D3414 A/R S.S. welding rod Batch: 117 659

pC11.11.04

Dart	Aeros	pace	Ltd
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W/O:			WO.	RK ORDER CHANG	ES				•
DATE	STEP	PRO	PROCEDURE CHANGE				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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								*	
Part No		PAR #:							
	Res	solution:	Disposition	·	_ QA: N/C C	osed:		Date: _	
NCR:			WORK ORDE	ER NON-CONFORMA	NCE (NC	?)			
DATE	STEP	Description of NC	Initial	Corrective Action Section Action Description	on B Sign 8	Verific	ation	Approval	Approval
		Section A	Chief Eng	Chief Eng	Date	11,700000		Chief Eng	QC Inspector
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Work Order ID 74516

Monday, October 03, 2011 4:00:36 PM



Page 3

Item ID:

D3414-041

Accept



Setup Start



Revision ID:

Lug Assembly Item Name:

Start Qty: 10.00

Cust Item ID:

Stop

Start Date:

9/30/2011 **Required Date: 10/14/2011**

QC:

Req'd Qty: 10.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

Date:

Run



SPC (Y/N):

Date:

Stop

Sequence ID/

Work Center ID

Operation

Set Up/ **Run Hours** **Tool ID**

Tool # Plan

Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

150

Quality Control

Description

QC9- Inspect visual per QSI004- Fusion Welds

Memo

Memo

0.00

0.00

160

Quality Control

QC5- Inspect part completeness to step on W/O

Sululos

170

Powdercoat

Powder Coating

Memo

START TIME: OVEN TEMPERATURE FINISH TIME:

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

W118430

Dart	Aeros	space	Ltd

W/O:			WO	RK ORDER CHANG	ES	***************************************			. .
DATE	STEP	PRO	ROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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		esolution:							
NCR:			WORK ORDI	ER NON-CONFORM	ANCE (NCR))	*		
DATE	STEP	Description of NC			tion B	Verifi	cation	Approval	Approval
	SILI	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Sect	Section C Chi		QC Inspector
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Page 4

Item ID:

Monday, October 03, 2011 4:00:36 PM

Accept



Setup Start

Stop



Revision ID:

Start Date:

Item Name: Lug Assembly

Required Date: 10/14/2011

9/30/2011

D3414-041

Start Qty: 10.00

Req'd Qty: 10.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

Date:

SPC (Y/N):

Set Up/

Run Hours

Date:

Stop

Sequence ID/ **Work Center ID**

180

Quality Control

Operation Description

QC3- Inspect Part Finish

Memo

0.00

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number

Stamp

190

Packaging Packaging

Memo

0.00

Sp 11-11-10.

200

QC

Quality Control

QC21- Final Inspection - Work Order Release

Identify as per dwg & Stock Location:

0.00

Memo

0.00

W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date	Qty	Approvai Chief Eng / Prod Mgr	Approval QC Inspector
								Prod Mgr	·
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	1				<u></u>			<u> </u>	
Part No	:	PAR #:	Fault Cat	egory:	_ NCR: Yes	No DC	QA:	_ Date: _	
	R	esolution:	Dispositi	_ QA: N/C (closed: _		Date: _		
NCR:			WORK OR	DER NON-CONFORM	ANCE (NC	R)			
D.4.T.E.	0.750	Description of NC			tion B	Verif	ication	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sec	ction C	Chief Eng	QC Inspector
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Picklist Print

Monday, October 03, 2011 4:00:41 PM

Work Order ID: 74516

Parent Item:

D3414-041

Parent Item Name: Lug Assembly



Start Date: 9/30/2011

Required Date: 10/14/2011

Start Qty: 10.00

Required Qty: 10.00

Comments:

IPP A□05.09.13□New issue□KJ/JLM□

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S12GA 304/316 0.100" Sheet		Purchased	No			100	sf	139.5800	0.155	1.55	-10-5	نن	
				Location		Loc		Loc Code					
					113062 113077		39.58 118.3 21.28			(3077		•	
D3414-3		Manufactured	No			140	Each	14.0000	1	10	111	11.0	3
				Location		Loc	<u>Qty</u>	Loc Code					
				WA030			14		_	(16)			

W/O:			W	ORK ORDER CHANGI	ES				,
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									-
	,								
Part No	Part No:PA		Fault Cate	gory:	NCR: Yes	No DQ	A:	Date:	
		esolution:							
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	7)	-	to the second	
DATE	STEP	Description of NC		Corrective Action Section			cation	Approval	Approval
	0,2,	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date		tion C	Chief Eng	QC Inspector
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	·	74516
DART AEROSPACE LTD	Work Order:	7000
Description: Lug Bracket	Part Number:	D3414-1
Inspection Dwg: D3414 Rev: C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

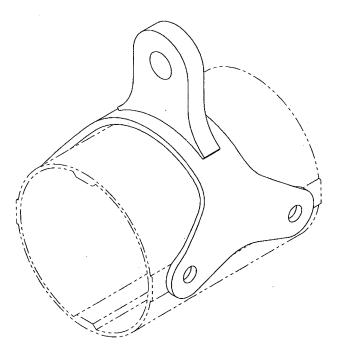
X First Article	X	Prototype
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Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.313	+0.006/-0.001	315	2		V B02	
1.19	+/-0.030	1.188	2		V	
1.00	+/-0.030	1,613	7		V	
3.38	+/-0.030	3.372	2		V	
5.350	+/-0.010	5,355	9		V	
6.23	+/-0.030	6.328	2		\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
2.500	+/-0.010	2.497	2		V	
0.37	+/-0.030	371	7		V	
0.100	+/-0.010	105	5		γ	
						and add a
						<u>,</u>
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-						<u>.</u>

Measured by: R	Audited by:	Prototype Approval:	N/A
Date: 11-10-30	Date: 1110/28	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	08.02.28	New Issue P/O D3414-041	KJ/DD	
B		Dimensions updated per Dwg Rev B	KJ 10	
C		Dwg Rev updated to Rev C	KJ X	<u>N</u>
				:

ITEM No.	QTY. -041	PART NUMBER	DESCRIPTION
11	х	D3414-041	LUG ASSEMBLY
2	1	D3414-1	LUG BRACKET
3	1	D3414-3	LUG



D3414-041 LUG ASSEMBLY

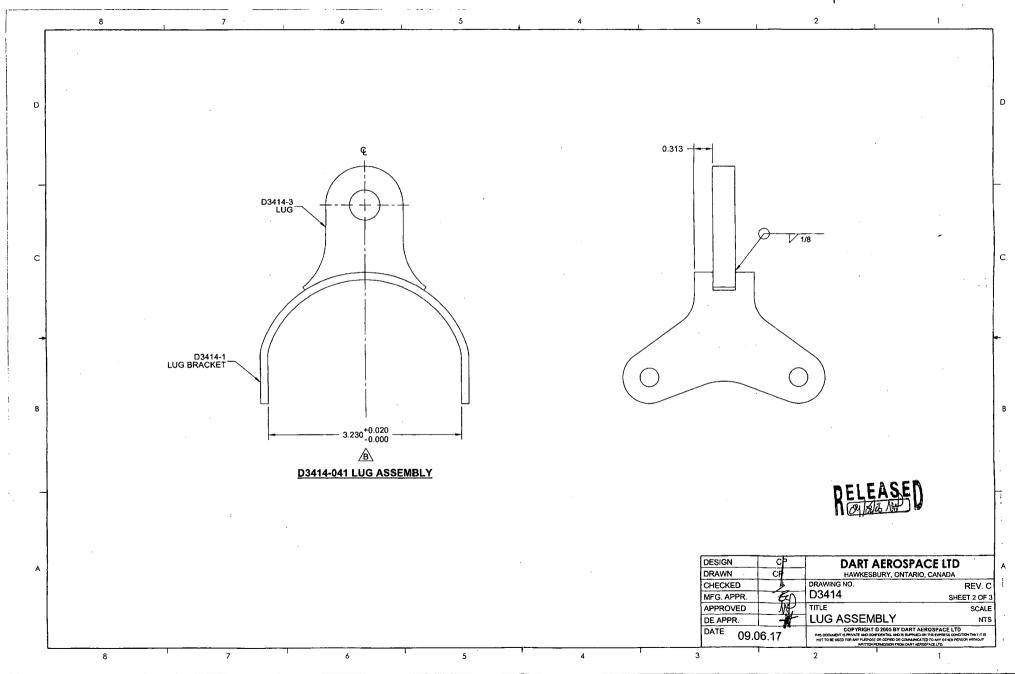
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NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3414-041" USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: 0.52 lbs

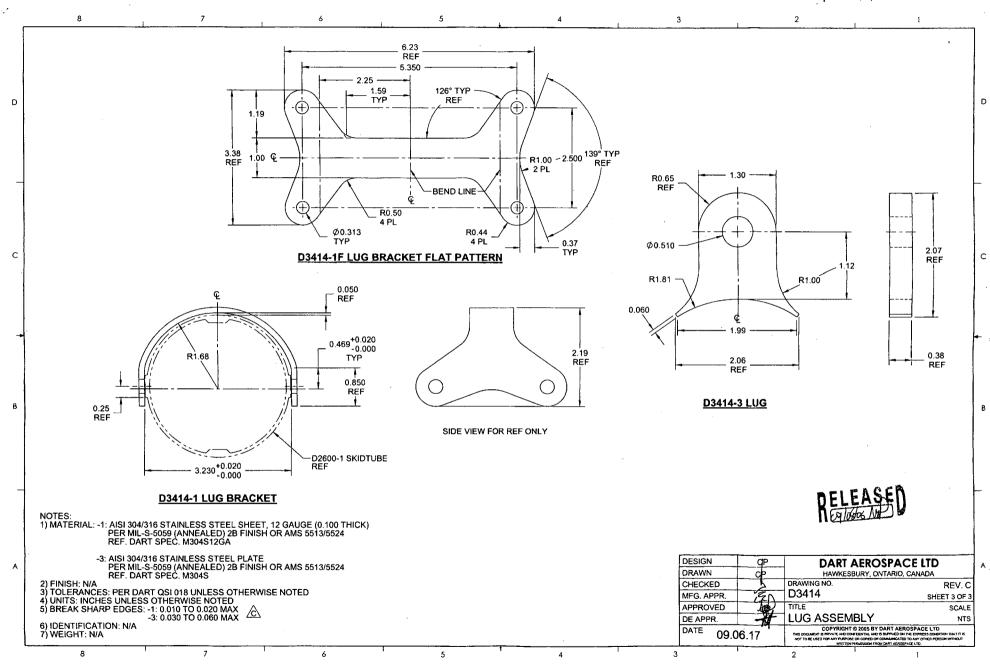
SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER NO. 1516 M.L.J 11/10/03

								
С		SHARP EDGE 030 (ZN A7-3)	СР	09.06.17				
В	DRAWING REDRAWN IN SOLIDWORKS WITH CURRENT STANDARDS AND TRANSFERED TO 'B' SIZE BORDER. FLAT PATTERN FOR -1 INCREASED IN LENGTH TO TO PREVENT FOULING AT INSTL. (SEE PAR188). FLAT SPOTS AJS REMOVED FROM -1 (PART NOW 'U' SHAPED) FOR EASE OF MANUFACTURE. B7-3 ADDED TOLERANCE TO 3.230 DIM. C2-3 1.12 DIM WAS 1.20.							
Α	NEW IS:	SUE	CP 05.03.1					
REV.	DESCRIPTION				DATE			
DESIGN	1	qp_	DART AEROSPACE LTD					
DRAWN	J	_ ♀	HAWKESBURY, ONTARIO, CANADA					
CHECK	ED		DRAWING NO.	REV. (
MFG. A	PPR.	En	D3414		SHEET 1 OF 3			
APPRO	PPROVED TITLE		TITLE		SCALE			
DE APPR.			LUG ASSEMBLY NTS					
DATE 09.06.17 THE DOCUMENT FOR JUNE 2005 BY CART A LEROS PACE LTD THE DOCUMENT SHOWN AND A SEPARAGE NET DEPOSES CONCINENT THAT IT IS NOT TO BE USED FOR HAVE PURPOSE OF COPED ON COMMANDIATION TO HAVE PURPOSE WHITHOUT WITH PURPOSE OF THE PURPOSE PURPOSE WHITHOUT WHITE PURPOSES WHITHOUT WHITE PURPOSE PURPOSE PURPOSE PURPOSE WHITHOUT WHITE PURPOSES PURPOSE PUR								

W/O:		WORK ORDER CHANGES									
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Part No:		PAR #:	Fault Category: NC			Yes N	o DQA	:	Date:		
Resolution:			Disposition: Q			/C Clos	sed:		Date: _		
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DATE	STEP	Description of NC		Corrective Action Section B			Verifica	ation	Approval	Approval	
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W/O:		WORK ORDER CHANGES								· · · · · · · · · · · · · · · · · · ·	
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Part No	:	PAR #:	#: Fault Category: No			NCR: Yes No DQA: Date:					
Resolution:			Disposition: Q			QA: N/C Closed: Date: _					
NCR:			WORK ORDE	R NON-CONFORMA	NCE	(NCR)				
	T	Description of NC		Corrective Action Section B		V		ation	Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti		Chief Eng	QC Inspector	
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Dart Aeros	pace Ltd
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W/O:			W	ORK ORDER CHANGE	S		·		· ·
DATE STEP P		PRO	OCEDURE CH	ANGE	By Date Qty Chief E			Approval Chief Eng / Prod Mgr	ng/ Approvai
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Part No	:	PAR #:	Fault Cat	tegory:	NCR: Yes No DQA:				
	R	esolution:	Disposition:		_ QA: N/C Closed:			Date: _	
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		Description of NC	Corrective Action Section		n B	Verifi	cation	Approval	Approval QC Inspector
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Section C		Chief Eng	
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